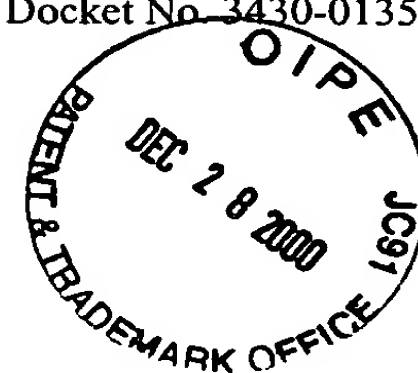


PLEASE NOTE:  
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FOLLOWING

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 · Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 · Facsimile: (703) 205-8050

Attorney Docket No. 3430-0135P



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:  
Fill in Appropriate  
Information -  
For Use Without  
Specification  
Attached:

### LIQUID CRYSTAL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

the specification of which is attached hereto. If not attached hereto,  
the specification was filed on September 22, 2000 as  
United States Application Number 09/667,763;  
and amended on \_\_\_\_\_ (if applicable) and/or  
the specification was filed on \_\_\_\_\_ as PCT  
International Application Number \_\_\_\_\_; and was  
amended under PCT Article 19 on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

### Prior Foreign Application(s)

### Priority Claimed

Insert Priority  
Information:  
(if appropriate)

1999-41242  
(Number)

Korea  
(Country)

September 27, 1999  
(Month/Day/Year Filed)

☒ Yes ☐ No

\_\_\_\_\_  
(Number)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Month/Day/Year Filed)

☐ Yes ☐ No

\_\_\_\_\_  
(Number)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Month/Day/Year Filed)

☐ Yes ☐ No

\_\_\_\_\_  
(Number)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Month/Day/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional  
Application(s):  
(if any)

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Country

Application Number

Date of Filing (Month/Day/Year)

Insert Requested  
Information:  
(if appropriate)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

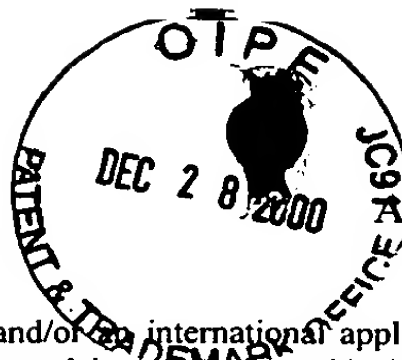
Insert Prior U.S.  
Application(s):  
(if any)

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status - patented, pending, abandoned)

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Attorney Docket No. 3430-0135P

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19,382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	Donald J. Daley	(Reg. No. 34,313)
John W. Bailey	(Reg. No. 32,881)	John A. Castellano	(Reg. No. 35,094)

Send Correspondence to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP** or **Customer No. 2292**

P.O. Box 747 · Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 · Facsimile: (703) 205-8050

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THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship

Insert Post Office  
Address

Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
<b>RYU, Jae-Choon</b>	<i>Ryu Jae Choon</i>	DEC. 13, 2000
Residence (City, State & Country)	CITIZENSHIP	
Kyongsangbuk-do, Republic of Korea	KOREAN	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)		
106/1101 Daewoo Apt., Chinpyong-dong, Kumi-shi, Kyongsangbuk-do, 730-360, Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
<b>RYU, Joung-Ho</b>	<i>Ryu Joung Ho</i>	DEC. 13, 2000
Residence (City, State & Country)	CITIZENSHIP	
Kyongsangbuk-do, Republic of Korea	KOREAN	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)		
505ho Sinsegye Apt., 145-22 Hyonggok-dong, Kumi-shi, Kyongsangbuk-do, 730-040, Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)		

Page 2 of 2  
(Rev. 10/27/2000)

\*DATE OF SIGNATURE

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PATENT  
3430-0135P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Jae-Choon RYU et al.

Appl. No.: 09/667,763 Group: 2871

Filed: September 22, 2000 Examiner: UNKNOWN

For: LIQUID CRYSTAL DISPLAY DEVICE AND  
METHOD OF MANUFACTURING THE SAME

**THIS IS NOT A NEW PATENT APPLICATION**

LETTER SUBMITTING DOCUMENTS  
FOR COMPLETION OF AN APPLICATION  
PURSUANT TO 37 C.F.R. § 1.53(f) and/or § 1.53(d)

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**BOX MISSING PARTS**

Assistant Commissioner for Patents  
Washington, DC 20231

December 28, 2000

Sir:

The application papers for the above-identified application were originally filed on September 22, 2000 and the application was assigned Appl. No. 09/667,763.

**DOCUMENTATION**

- ☒ Under the provisions of 37 C.F.R. §§ 1.41(c) and 1.53(f), attached hereto is the executed Declaration of the inventor(s) (☒ original ☐ photocopy), necessary for completing the filing requirements in connection with the above-identified application.
- ☐ Under the provisions of 37 C.F.R. §§ 1.41(c) and 1.53(f), attached hereto is the executed Declaration that was attached to the specification at the time of execution. The attached specification is a true copy of the specification that was

filed in the U.S. Patent and Trademark office on September 22, 2000, including any amendments thereto (if applicable) filed on even date therewith.

☒ The undersigned hereby declares that "Attorney Docket No. 3430-0135P on page 1 of the attached inventors' Declaration, corresponds to Appl. No. 09/667,763, filed September 22, 2000, entitled "LIQUID CRYSTAL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME."

☐ Attached are \_\_\_\_\_ ( ) sheet(s) of formal drawings.

☒ Attached is a copy of the Notice to File Missing Parts of Nonprovisional Application.

☐ Attached is an English language translation of the above-identified application that was filed in a foreign language.

☐ See the attached Translator's Verification; or

☐ The undersigned states that the English translation attached hereto is a true and correct translation of the application as originally filed in a foreign language.

☐ Applicant claims small entity status under 37 C.F.R. § 1.27.

☒ Submitted concurrently herewith **under separate cover** for recording is an Assignment.

#### **FEES**

The Government Filing Surcharge(s) (37 C.F.R. § 1.16(e) and/or § 1.17(k)) and the basic Government Filing Fee(s) (37 C.F.R. § 1.16(a)-(d), if applicable) is/are attached hereto and calculated as follows:

☐ Basic Filing Fee(s): \$0.00 (37 C.F.R. § 1.16(a)-(d))

- ☒ The Government Filing Surcharge under 35 U.S.C. § 1.16(e)) for late filing of filing fee, oath and/or declaration:
- ☒ Large Entity - \$130.00
- ☐ Small Entity - \$ 65.00)
- ☐ The Government Filing Surcharge under 37 C.F.R. § 1.17(k)) for filing of translation of non-English Specification in the amount of \$130.00:
- ☐ was previously paid for concurrently with the filing of the application on .
- ☐ is attached hereto.
- ☐ No extension fee is required because the undersigned has not yet received the Notice to File Missing Parts of Nonprovisional Application. However, if for some reason it is determined that an extension of time is necessary, applicant hereby respectfully petitions for an extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17.
- ☐ Applicant hereby respectfully petitions for a ( ) month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17. The required fee of \$0.00 is attached hereto.
- ☒ A check in the amount of \$130.00 to cover the basic filing fee(s), surcharge fee(s), and any extension of time fees (if applicable) is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any

Appl. No. 09/667,763

overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 

Terry L. Clark, #32,644

P.O. Box 747

Falls Church, VA 22040-0747

(703) 205-8000

TLC:ewd  
3430-0135P

Attachments

(Rev. 11/03/2000)